

## INSTRUCTIONS FOR 80-205mm MACRO ONE TOUCH ZOOM LENS

### Specifications:

- \* Optical Construction: 9 groups/13 elements
- \* Angle of View:  $12^{\circ} - 30^{\circ}$
- \* Aperture Range: F/4.5 to 22
- \* Closest Focusing: 1.3m/4 ft
- \* Filter size: 52mm  $\phi$
- \* Max Diameter: 65mm  $\phi$
- \* Length: 136mm
- \* Weight: 585 grams
- \* Macro: 1:3 - 1:4
- \* Mount Type Available: PK Bayonet Mount  
Minolta MD Mount  
Canon FD Mount  
Pentax S Mount  
Olympus OM Mount  
Nikon A1 Mount

Before you begin to use your new lens, please take a few minutes to carefully read these instructions with your new lens in front of you.

Your new lens is fully automatic and incorporates not only computer optical design but also the latest coating techniques. The process of coating assures virtually flare free photographs even under adverse lighting conditions resulting in crisp high contrast pictures with full color fidelity. In addition the lenses are designed to retain the full range of exposure automation and metering capabilities of the camera on which they are mounted.

### • APERTURE

The Aperture is adjusted by turning the Aperture ring at the rear of the lens.

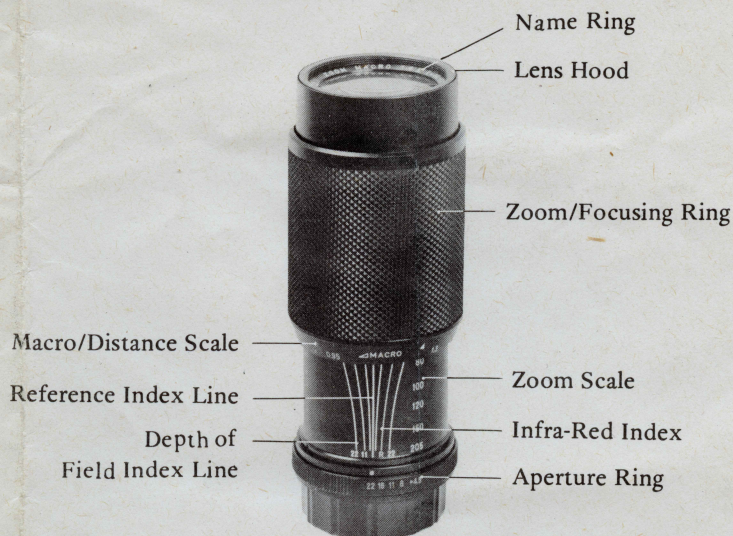
### • EE OPERATION

Some cameras feature automatic aperture selection dictated by your choice of shutter speed. Be sure to move the aperture ring to the symbol beyond the smallest stop in order to take advantage of this feature.

### • FOCUSING AND ZOOMING

**TO FOCUS:** Turn the Zoom/Focusing ring to the right or left until the image appears sharp in the viewfinder. The camera to subject distance is indicated opposite the white center line.

**TO ZOOM:** Extend or retract the Zoom/Focusing ring until the desired affect is achieved. The focal length is indicated on the lens barrel in green beneath the rubber non-slip Zoom/Focusing ring.



### • MACRO

To accomplish macro focusing, turn the Zoom/Focusing ring clockwise until it stops. The lens is now set at the closest macro setting possible at the focal length you have set. Focusing in macro is done by moving the lens and camera back and forth.

Return the ring by turning counterclockwise into the macro mode and then further into normal focus range.

### • INFRA-RED FILM INDEX

When using infra-red film, focus normally on your subject and read the distance on the distance scale. Then, move the zoom focusing ring until this distance is indicated on the infra-red distance index line.

### • LENS CARE

Use a soft brush to clean lens surface or polish very gently in a circular motion with high quality lens tissue. Use lens cleaning fluid sparingly only when necessary.